

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---------------------------|------------------|---------|------------------|
| L1 | 6 | ("5473691" "5673319" "5729608" "5778065" "5892904" "6367012").PN. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L2 | 845 | 713/170, "176".ccls. and (authenticat\$3 with messag\$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L3 | 308 | 713/170.ccls. and (authenticat\$3 with messag\$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L4 | 422 | 713/176.ccls. and (authenticat\$3 with messag\$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L5 | 62 | (713/170.ccls. and (authenticat\$3 with messag\$3)) and (713/176.ccls. and (authenticat\$3 with messag\$3)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L6 | 8 | ((713/170.ccls. and (authenticat\$3 with messag\$3)) and (713/176.ccls. and (authenticat\$3 with messag\$3))) and @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L7 | 5548 | (creat\$3 generat\$3) with ((authentication with information) (digital adj certificat\$3)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L8 | 32 | ((creat\$3 generat\$3) with ((authentication with information) (digital adj certificat\$3))) and ((content near2 data) same (hash near4 value)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L9 | 28 | "6131162" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L10 | 6 | "5729608" and @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L11 | 8 | "5673319" and @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L12 | 23 | "5473691" and @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L13 | 23 | (Unilateral with authenticat\$3 with (message information data)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L14 | 585 | (authenticat\$3 with (network address)adj information) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |

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|-----|----------|--|---------------------------------|----|----|------------------|
| L15 | 585 | (authenticat\$3 with ((network address adj information)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L16 | 48 | ((713/170.ccls. and (authenticat\$3 with messag\$3)) and (713/176.ccls. and (authenticat\$3 with messag\$3))) and hash\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L17 | 13 | (network with address with authenticat\$3).ti. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L18 | 797 | (network with authenticat\$3).ti. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L19 | 2 | ((network with authenticat\$3).ti.) and ((digital adj signature) same ((public private) adj key) same hash\$3).clm. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L20 | 14 | ((network with authenticat\$3).ti.) and ((digital adj signature) same ((public private) adj key) same hash\$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L21 | 14833268 | (network with authenticat\$3).ti. @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L22 | 175 | (network with authenticat\$3).ti. and @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L23 | 46 | ((network with authenticat\$3).ti. and @py<"2002") and (portable laptop mobile) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L24 | 7 | ((network with authenticat\$3).ti. and @py<"2002") and (portable laptop mobile)) and (digital adj signature) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L25 | 5 | "4731841" and @py<"2002" and ((public private) adj (key-pair (key adj pair))) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L26 | 7 | "4731841" and ((public private) adj (key-pair (key adj pair))) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L27 | 156 | ((network with authenticat\$3).ti.) and ((public private) adj key\$6) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L28 | 61 | ((network with authenticat\$3).ti.) and ((public private) adj key\$6)) and (digital near4 signature) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L29 | 97 | "5371794" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |

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|-----|-----|---|---------------------------------|----|----|------------------|
| L30 | 59 | "5371794" and @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L31 | 25 | ("5371794" and @py<"2002") and (digital near4 signature) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L32 | 9 | ((network adj address) with authentication).ti. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L33 | 571 | ((device mobile laptop network) adj address) with authentication) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L34 | 6 | (((device mobile laptop network) adj address) with authentication) same digital same ((public private) adj key) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L35 | 3 | (((device mobile laptop network) adj address) with authentication) same digital same ((public private) adj key).clm. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L36 | 3 | (((device mobile laptop network) adj address) same authentication same digital same ((public private) adj key)).clm. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L37 | 4 | (network adj address) with authentication with (digital adj signature) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L38 | 0 | (network adj address) with (time adj stamp\$3) with (digital adj signature) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L39 | 36 | (network adj address) with (digital adj signature) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L40 | 50 | ("6510144" "6285991" "6104929" "6665537" "6272129" "6131120" "6466964" "6236652" "5805712" "6321267" "6353891" "6195705" "6230012" "6501746" "6621810" "6636498" "6366622" "5922074" "6249873" "5905777" "6009524" "6314521" "6760752" "6044205" "6052782" "6128739" "6411692" "6477644" "6496704" "6760444" "6094486" "6236728" "6240183" "5577122" "4897875" "6560217" "6765900" "5418854" "5497421" "5937161" "6023510" "5802510" "5930479" "5285496" "6084969" "6466571" "5475738" "6081827" "5742763" "5832221").pn. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |

EAST Search History

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|-----|----------|---|---------------------------|----|----|------------------|
| L41 | 845 | 713/170, "176".ccls. and (authenticat\$3 with messag\$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L42 | 308 | 713/170.ccls. and (authenticat\$3 with messag\$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L43 | 422 | 713/176.ccls. and (authenticat\$3 with messag\$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L44 | 62 | (713/170.ccls. and (authenticat\$3 with messag\$3)) and (713/176.ccls. and (authenticat\$3 with messag\$3)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L45 | 5548 | (creat\$3 generat\$3) with ((authentication with information) (digital adj certificat\$3)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L46 | 585 | (authenticat\$3 with (network address)adj information) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L47 | 585 | (authenticat\$3 with ((network address)adj information)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L48 | 797 | (network with authenticat\$3).ti. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L49 | 14833268 | (network with authenticat\$3).ti. @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L50 | 175 | (network with authenticat\$3).ti. and @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L51 | 46 | ((network with authenticat\$3).ti. and @py<"2002") and (portable laptop mobile) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L52 | 5 | "4731841" and @py<"2002" and ((public private) adj (key-pair (key adj pair))) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L53 | 156 | ((network with authenticat\$3).ti.) and ((public private) adj key\$6) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L54 | 97 | "5371794" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L55 | 59 | "5371794" and @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |

EAST Search History

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|-----|-----|---|---------------------------|----|----|------------------|
| L56 | 571 | ((device mobile laptop network) adj address) with authentication) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L57 | 6 | ("5473691" "5673319" "5729608" "5778065" "5892904" "6367012").PN. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L58 | 8 | ((713/170.ccls. and (authenticat\$3 with messag\$3)) and (713/176.ccls. and (authenticat\$3 with messag\$3))) and @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L59 | 32 | ((creat\$3 generat\$3) with ((authentication with information) (digital adj certificat\$3))) and ((content near2 data) same (hash near4 value)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L60 | 28 | "6131162" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L61 | 6 | "5729608" and @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L62 | 8 | "5673319" and @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L63 | 23 | "5473691" and @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L64 | 23 | (Unilateral with authenticat\$3 with (message information data)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L65 | 48 | ((713/170.ccls. and (authenticat\$3 with messag\$3)) and (713/176.ccls. and (authenticat\$3 with messag\$3))) and hash\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L66 | 13 | (network with address with authenticat\$3).ti. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L67 | 2 | ((network with authenticat\$3).ti.) and ((digital adj signature) same ((public private) adj key) same hash\$3).clm. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L68 | 14 | ((network with authenticat\$3).ti.) and ((digital adj signature) same ((public private) adj key) same hash\$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L69 | 7 | (((network with authenticat\$3).ti. and @py<"2002") and (portable laptop mobile)) and (digital adj signature) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |

EAST Search History

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|-----|-----|---|---------------------------|----|----|------------------|
| L70 | 7 | "4731841" and ((public private) adj (key-pair (key adj pair))) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L71 | 61 | (((network with authenticat\$3).ti.) and ((public private) adj key\$6)) and (digital near4 signature) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L72 | 25 | ("5371794" and @py<"2002") and (digital near4 signature) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L73 | 9 | ((network adj address) with authentication).ti. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L74 | 6 | (((device mobile laptop network) adj address) with authentication) same digital same ((public private) adj key) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L75 | 3 | (((device mobile laptop network) adj address) with authentication) same digital same ((public private) adj key).clm. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L76 | 3 | (((device mobile laptop network) adj address) same authentication same digital same ((public private) adj key)).clm. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L77 | 4 | (network adj address) with authentication with (digital adj signature) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L78 | 36 | (network adj address) with (digital adj signature) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L79 | 50 | ("6510144" "6285991" "6104929" "6665537" "6272129" "6131120" "6466964" "6236652" "5805712" "6321267" "6353891" "6195705" "6230012" "6501746" "6621810" "6636498" "6366622" "5922074" "6249873" "5905777" "6009524" "6314521" "6760752" "6044205" "6052782" "6128739" "6411692" "6477644" "6496704" "6760444" "6094486" "6236728" "6240183" "5577122" "4897875" "6560217" "6765900" "5418854" "5497421" "5937161" "6023510" "5802510" "5930479" "5285496" "6084969" "6466571" "5475738" "6081827" "5742763" "5832221").pn. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L80 | 269 | 380/247.ccls. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |

EAST Search History

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|-----|-------|--|---------------------------------|----|----|------------------|
| L81 | 0 | L57 and L80 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L82 | 0 | L57 and mobile | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L83 | 593 | 713/170.ccls. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L84 | 130 | L83 and mobile | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L85 | 55000 | L84 and digital (signature and sign\$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L86 | 43 | L84 and (digital\$3 with (signature and sign\$3)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L87 | 41 | L86 and (public adj key) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L88 | 97 | L80 and (digital\$3 with (signature sign\$4)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L89 | 79 | L88 and mobile | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L90 | 4 | L89 and (content adj data) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L91 | 130 | "5153919" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L92 | 71 | L91 and (digital adj signature) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L93 | 4 | L92 and (digitally with (signing signed)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L94 | 845 | 713/170, "176".ccls. and (authenticat\$3 with messag\$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L95 | 308 | 713/170.ccls. and (authenticat\$3 with messag\$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |

EAST Search History

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|------|----------|---|---------------------------|----|----|------------------|
| L96 | 422 | 713/176.ccls. and (authenticat\$3 with messag\$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L97 | 62 | (713/170.ccls. and (authenticat\$3 with messag\$3)) and (713/176.ccls. and (authenticat\$3 with messag\$3)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L98 | 5548 | (creat\$3 generat\$3) with ((authentication with information) (digital adj certificat\$3)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L99 | 585 | (authenticat\$3 with (network address)adj information) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L100 | 585 | (authenticat\$3 with ((network address)adj information)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L101 | 797 | (network with authenticat\$3).ti. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L102 | 14833268 | (network with authenticat\$3).ti. @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L103 | 175 | (network with authenticat\$3).ti. and @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L104 | 46 | ((network with authenticat\$3).ti. and @py<"2002") and (portable laptop mobile) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L105 | 5 | "4731841" and @py<"2002" and ((public private) adj (key-pair (key adj pair))) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L106 | 156 | ((network with authenticat\$3).ti.) and ((public private) adj key\$6) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L107 | 97 | "5371794" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L108 | 59 | "5371794" and @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L109 | 571 | (((device mobile laptop network) adj address) with authentication) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L110 | 0 | (network adj address) with (time adj stamp\$3) with (digital adj signature) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |

EAST Search History

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|------|----------|---|---------------------------|----|----|------------------|
| L111 | 845 | 713/170, "176".ccls. and (authenticat\$3 with messag\$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L112 | 308 | 713/170.ccls. and (authenticat\$3 with messag\$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L113 | 422 | 713/176.ccls. and (authenticat\$3 with messag\$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L114 | 62 | (713/170.ccls. and (authenticat\$3 with messag\$3)) and (713/176.ccls. and (authenticat\$3 with messag\$3)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L115 | 5548 | (creat\$3 generat\$3) with ((authentication with information) (digital adj certificat\$3)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L116 | 585 | (authenticat\$3 with (network address)adj information) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L117 | 585 | (authenticat\$3 with ((network address)adj information)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L118 | 797 | (network with authenticat\$3).ti. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L119 | 14833268 | (network with authenticat\$3).ti. @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L120 | 175 | (network with authenticat\$3).ti. and @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L121 | 46 | ((network with authenticat\$3).ti. and @py<"2002") and (portable laptop mobile) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L122 | 5 | "4731841" and @py<"2002" and ((public private) adj (key-pair (key adj pair))) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L123 | 156 | ((network with authenticat\$3).ti.) and ((public private) adj key\$6) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L124 | 97 | "5371794" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L125 | 59 | "5371794" and @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |

EAST Search History

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|------|-------|--|---------------------------|----|----|------------------|
| L126 | 571 | (((device mobile laptop network) adj address) with authentication) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L127 | 269 | 380/247.ccls. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L128 | 6 | ("5473691" "5673319" "5729608" "5778065" "5892904" "6367012").PN. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L129 | 0 | L128 and L127 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L130 | 0 | L128 and mobile | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L131 | 593 | 713/170.ccls. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L132 | 130 | L131 and mobile | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L133 | 55000 | L132 and digital (signature and sign\$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L134 | 43 | L132 and (digital\$3 with (signature and sign\$3)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L135 | 97 | L127 and (digital\$3 with (signature sign\$4)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L136 | 79 | L135 and mobile | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L137 | 130 | "5153919" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L138 | 71 | L137 and (digital adj signature) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L139 | 6 | ("5473691" "5673319" "5729608" "5778065" "5892904" "6367012").PN. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L140 | 8 | ((713/170.ccls. and (authenticat\$3 with messag\$3)) and (713/176.ccls. and (authenticat\$3 with messag\$3))) and @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |

EAST Search History

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|------|----|---|---------------------------|----|----|------------------|
| L141 | 32 | ((creat\$3 generat\$3) with ((authentication with information) (digital adj certificat\$3))) and ((content near2 data) same (hash near4 value)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L142 | 28 | "6131162" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L143 | 6 | "5729608" and @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L144 | 8 | "5673319" and @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L145 | 23 | "5473691" and @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L146 | 23 | (Unilateral with authenticat\$3 with (message information data)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L147 | 48 | ((713/170.ccls. and (authenticat\$3 with messag\$3)) and (713/176.ccls. and (authenticat\$3 with messag\$3))) and hash\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L148 | 13 | (network with address with authenticat\$3).ti. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L149 | 2 | ((network with authenticat\$3).ti.) and ((digital adj signature) same ((public private) adj key) same hash\$3).clm. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L150 | 14 | ((network with authenticat\$3).ti.) and ((digital adj signature) same ((public private) adj key) same hash\$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L151 | 7 | (((network with authenticat\$3).ti. and @py<"2002") and (portable laptop mobile)) and (digital adj signature) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L152 | 7 | "4731841" and ((public private) adj (key-pair (key adj pair))) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L153 | 61 | (((network with authenticat\$3).ti.) and ((public private) adj key\$6)) and (digital near4 signature) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L154 | 25 | ("5371794" and @py<"2002") and (digital near4 signature) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L155 | 9 | ((network adj address) with authentication).ti. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |

EAST Search History

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|------|----|---|---------------------------|----|----|------------------|
| L156 | 6 | ((((device mobile laptop network) adj address) with authentication) same digital same ((public private) adj key) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L157 | 3 | ((((device mobile laptop network) adj address) with authentication) same digital same ((public private) adj key).clm. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L158 | 3 | (((device mobile laptop network) adj address) same authentication same digital same ((public private) adj key)).clm. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L159 | 4 | (network adj address) with authentication with (digital adj signature) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L160 | 36 | (network adj address) with (digital adj signature) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L161 | 50 | ("6510144" "6285991" "6104929" "6665537" "6272129" "6131120" "6466964" "6236652" "5805712" "6321267" "6353891" "6195705" "6230012" "6501746" "6621810" "6636498" "6366622" "5922074" "6249873" "5905777" "6009524" "6314521" "6760752" "6044205" "6052782" "6128739" "6411692" "6477644" "6496704" "6760444" "6094486" "6236728" "6240183" "5577122" "4897875" "6560217" "6765900" "5418854" "5497421" "5937161" "6023510" "5802510" "5930479" "5285496" "6084969" "6466571" "5475738" "6081827" "5742763" "5832221").pn. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L162 | 6 | ("5473691" "5673319" "5729608" "5778065" "5892904" "6367012").PN. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L163 | 8 | ((713/170.ccls. and (authenticat\$3 with messag\$3)) and (713/176.ccls. and (authenticat\$3 with messag\$3))) and @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L164 | 32 | ((creat\$3 generat\$3) with ((authentication with information) (digital adj certificat\$3))) and ((content near2 data) same (hash near4 value)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L165 | 28 | "6131162" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |

EAST Search History

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|------|----|--|---------------------------------|----|----|------------------|
| L166 | 6 | "5729608" and @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L167 | 8 | "5673319" and @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L168 | 23 | "5473691" and @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L169 | 23 | (Unilateral with authenticat\$3 with (message information data)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L170 | 48 | ((713/170.ccls. and (authenticat\$3 with messag\$3)) and (713/176.ccls. and (authenticat\$3 with messag\$3))) and hash\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L171 | 13 | (network with address with authenticat\$3).ti. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L172 | 2 | ((network with authenticat\$3).ti.) and ((digital adj signature) same ((public private) adj key) same hash\$3).clm. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L173 | 14 | ((network with authenticat\$3).ti.) and ((digital adj signature) same ((public private) adj key) same hash\$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L174 | 7 | (((network with authenticat\$3).ti. and @py<"2002") and (portable laptop mobile)) and (digital adj signature) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L175 | 7 | "4731841" and ((public private) adj (key-pair (key adj pair))) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L176 | 61 | (((network with authenticat\$3).ti.) and ((public private) adj key\$6)) and (digital near4 signature) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L177 | 25 | ("5371794" and @py<"2002") and (digital near4 signature) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L178 | 9 | ((network adj address) with authentication).ti. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L179 | 6 | (((device mobile laptop network) adj address) with authentication)) same digital same ((public private) adj key) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L180 | 3 | (((device mobile laptop network) adj address) with authentication)) same digital same ((public private) adj key). clm. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |

EAST Search History

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|------|----|---|---------------------------|----|----|------------------|
| L181 | 3 | ((device mobile laptop network) adj address) same authentication same digital same ((public private) adj key)).clm. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L182 | 4 | (network adj address) with authentication with (digital adj signature) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L183 | 36 | (network adj address) with (digital adj signature) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L184 | 50 | ("6510144" "6285991" "6104929" "6665537" "6272129" "6131120" "6466964" "6236652" "5805712" "6321267" "6353891" "6195705" "6230012" "6501746" "6621810" "6636498" "6366622" "5922074" "6249873" "5905777" "6009524" "6314521" "6760752" "6044205" "6052782" "6128739" "6411692" "6477644" "6496704" "6760444" "6094486" "6236728" "6240183" "5577122" "4897875" "6560217" "6765900" "5418854" "5497421" "5937161" "6023510" "5802510" "5930479" "5285496" "6084969" "6466571" "5475738" "6081827" "5742763" "5832221").pn. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L185 | 41 | L134 and (public adj key) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L186 | 4 | L136 and (content adj data) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L187 | 4 | L138 and (digitally with (signing signed)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L188 | 2 | ("6880009" "6879690" "6839338" "6496704" "6055236") and ((public adj key) with (network adj address)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L189 | 0 | ("20050063352" "20050058099" "20050055576" "20040221154" "20040003050" "20030212774" "2003206533" "20030152380" "20020147820" "20020118674" "20020114469" "20020062385" "20020056002" "20010041571") and ((public adj key) with (network adj address)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |

EAST Search History

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|------|-----|--|---------------------------------|----|----|------------------|
| L190 | 12 | ("20050063352" "20050058099" "20050055576" "20040221154" "20040003050" "20030212774" "2003206533" "20030152380" "20020147820" "20020118674" "20020114469" "20020062385" "20020056002" "20010041571") and (public adj key) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L191 | 29 | ("6880009" "6879690" "6839338" "6496704" "6055236") and (public adj key) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L192 | 108 | "6055236" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L193 | 31 | "6055236" and IPv6 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L194 | 21 | L192 and (public adj key) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L195 | 3 | "6782474" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L196 | 22 | ipv6 near2 auto near4 configur\$8 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L197 | 1 | (ipv6 with configur\$8 with public with key)".clm" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L198 | 0 | (ipv6 with configur\$8 with public with key).clm. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L199 | 1 | (ipv6 with configur\$8 with public with key) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L200 | 66 | (network with configur\$8 with public with key).clm. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L201 | 1 | L200 and (deriv\$3 near4 address).clm. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L202 | 1 | L200 and (deriv\$3 near4 address) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L203 | 2 | L200 and (generat\$3 near4 address) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |

EAST Search History

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|------|-----|--|---|----|----|------------------|
| L204 | 2 | L200 and prefix | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L205 | 6 | (network with configur\$8 with public with key) and prefix | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L206 | 1 | (mobile with IP with (public adj key) with (network adj address)).clm. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L207 | 2 | (mobile with (public adj key) with (network adj address)).clm. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L208 | 4 | (mobile with (public adj key) with (network adj address)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L209 | 194 | (cryptographic with protocol).clm. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L210 | 2 | (cryptographic with protocol with network with address).clm. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L211 | 5 | (public with key with protocol with network with address).clm. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L212 | 3 | (public with key with digital with certificat\$3 with network with address).clm. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L213 | 12 | (public with key with digital with certificat\$3 with network with address) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L214 | 211 | "5677955" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L215 | 105 | L214 and (digital adj signature) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L216 | 10 | L215 and (network adj address) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| L217 | 10 | ((hash\$3 near3 (public adj key)) and (network adj address\$3)).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/22 17:57 |

EAST Search History

| | | | | | | |
|------|-----|---|---|----|----|------------------|
| L218 | 488 | ((hash\$3 near3 (public adj key)) and (network adj address\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/22 17:57 |
| L219 | 439 | I218 and modif\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/22 17:57 |
| L220 | 417 | I219 and (digital adj signature) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/22 17:57 |
| L221 | 49 | I219 and (digital adj signature).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/22 17:59 |
| L222 | 34 | I221 and wireless | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/22 17:59 |
| S1 | 50 | ("6510144" "6285991" "6104929" "6665537" "6272129" "6131120" "6466964" "6236652" "5805712" "6321267" "6353891" "6195705" "6230012" "6501746" "6621810" "6636498" "6366622" "5922074" "6249873" "5905777" "6009524" "6314521" "6760752" "6044205" "6052782" "6128739" "6411692" "6477644" "6496704" "6760444" "6094486" "6236728" "6240183" "5577122" "4897875" "6560217" "6765900" "5418854" "5497421" "5937161" "6023510" "5802510" "5930479" "5285496" "6084969" "6466571" "5475738" "6081827" "5742763" "5832221").pn. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2004/09/08 09:12 |
| S2 | 6 | ("5473691" "5673319" "5729608" "5778065" "5892904" "6367012").PN. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/07/22 17:48 |
| S3 | 487 | 713/170, "176".ccls. and (authenticat\$3 with messag\$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2004/09/07 09:39 |
| S4 | 170 | 713/170.ccls. and (authenticat\$3 with messag\$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2004/09/07 09:40 |

EAST Search History

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|-----|------|---|---------------------------|----|----|------------------|
| S5 | 234 | 713/176.ccls. and (authenticat\$3 with messag\$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2004/09/07 09:40 |
| S6 | 29 | (713/170.ccls. and (authenticat\$3 with messag\$3)) and (713/176.ccls. and (authenticat\$3 with messag\$3)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2004/09/07 09:40 |
| S7 | 8 | ((713/170.ccls. and (authenticat\$3 with messag\$3)) and (713/176.ccls. and (authenticat\$3 with messag\$3))) and @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2004/09/07 09:44 |
| S8 | 2904 | (creat\$3 generat\$3) with ((authentication with information) (digital adj certificat\$3)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2004/09/07 09:46 |
| S9 | 17 | ((creat\$3 generat\$3) with ((authentication with information) (digital adj certificat\$3))) and ((content near2 data) same (hash near4 value)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2004/09/07 09:55 |
| S10 | 15 | "6131162" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2004/09/07 10:09 |
| S11 | 6 | "5729608" and @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2004/09/07 10:13 |
| S12 | 8 | "5673319" and @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2004/09/07 10:17 |
| S13 | 23 | "5473691" and @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2004/09/07 10:36 |
| S14 | 17 | (Unilateral with authenticat\$3 with (message information data)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2004/09/07 10:47 |
| S15 | 294 | (authenticat\$3 with (network address)adj information) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2004/09/07 10:47 |
| S16 | 294 | (authenticat\$3 with ((network address)adj information)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2004/09/07 10:48 |
| S17 | 24 | ((713/170.ccls. and (authenticat\$3 with messag\$3)) and (713/176.ccls. and (authenticat\$3 with messag\$3))) and hash\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2004/09/07 11:04 |
| S18 | 6 | (network with address with authenticat\$3).ti. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2004/09/07 11:06 |

EAST Search History

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|-----|----------|---|---------------------------------|----|----|------------------|
| S19 | 457 | (network with authenticat\$3).ti. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2004/09/07 11:34 |
| S20 | 2 | ((network with authenticat\$3).ti.) and ((digital adj signature) same ((public private) adj key) same hash\$3).clm. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2004/09/07 11:11 |
| S21 | 7 | ((network with authenticat\$3).ti.) and ((digital adj signature) same ((public private) adj key) same hash\$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2004/09/07 11:11 |
| S22 | 14818581 | (network with authenticat\$3).ti. @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2004/09/07 11:18 |
| S23 | 175 | (network with authenticat\$3).ti. and @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2004/09/07 11:18 |
| S24 | 46 | ((network with authenticat\$3).ti. and @py<"2002") and (portable laptop mobile) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2004/09/07 11:18 |
| S25 | 7 | ((network with authenticat\$3).ti. and @py<"2002") and (portable laptop mobile)) and (digital adj signature) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2004/09/07 11:31 |
| S26 | 5 | "4731841" and @py<"2002" and ((public private) adj (key-pair (key adj pair))) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2004/09/07 11:33 |
| S27 | 6 | "4731841" and ((public private) adj (key-pair (key adj pair))) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2004/09/07 11:33 |
| S28 | 84 | ((network with authenticat\$3).ti.) and ((public private) adj key\$6) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2004/09/07 11:35 |
| S29 | 34 | ((network with authenticat\$3).ti.) and ((public private) adj key\$6)) and (digital near4 signature) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2004/09/07 12:54 |
| S30 | 75 | "5371794" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2004/09/07 12:55 |
| S31 | 59 | "5371794" and @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2004/09/07 13:00 |
| S32 | 25 | ("5371794" and @py<"2002") and (digital near4 signature) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2004/09/07 13:05 |
| S33 | 6 | ((network adj address) with authentication).ti. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2004/09/07 13:06 |

EAST Search History

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|-----|------|--|---------------------------|----|----|------------------|
| S34 | 310 | (((device mobile laptop network) adj address) with authentication) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2004/09/07 13:07 |
| S35 | 5 | (((device mobile laptop network) adj address) with authentication) same digital same ((public private) adj key) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2004/09/07 13:10 |
| S36 | 3 | (((device mobile laptop network) adj address) with authentication) same digital same ((public private) adj key).clm. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2004/09/07 13:10 |
| S37 | 3 | (((device mobile laptop network) adj address) same authentication same digital same ((public private) adj key)).clm. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2004/09/07 13:12 |
| S38 | 3 | (network adj address) with authentication with (digital adj signature) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2004/09/07 13:15 |
| S39 | 0 | (network adj address) with (time adj stamp\$3) with (digital adj signature) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2004/09/07 13:17 |
| S40 | 24 | (network adj address) with (digital adj signature) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2004/09/07 13:17 |
| S41 | 6 | ("5473691" "5673319" "5729608" "5778065" "5892904" "6367012").PN. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:34 |
| S42 | 568 | 713/170, "176".ccls. and (authenticat\$3 with messag\$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:36 |
| S43 | 196 | 713/170.ccls. and (authenticat\$3 with messag\$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:34 |
| S44 | 267 | 713/176.ccls. and (authenticat\$3 with messag\$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:34 |
| S45 | 33 | (713/170.ccls. and (authenticat\$3 with messag\$3)) and (713/176.ccls. and (authenticat\$3 with messag\$3)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:34 |
| S46 | 8 | ((713/170.ccls. and (authenticat\$3 with messag\$3)) and (713/176.ccls. and (authenticat\$3 with messag\$3))) and @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:34 |
| S47 | 3432 | (creat\$3 generat\$3) with ((authentication with information) (digital adj certificat\$3)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:34 |

EAST Search History

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|-----|----------|---|---------------------------|----|----|------------------|
| S48 | 22 | ((creat\$3 generat\$3) with ((authentication with information) (digital adj certificat\$3))) and ((content near2 data) same (hash near4 value)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:34 |
| S49 | 15 | "6131162" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:34 |
| S50 | 6 | "5729608" and @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:34 |
| S51 | 8 | "5673319" and @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:34 |
| S52 | 23 | "5473691" and @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:34 |
| S53 | 18 | (Unilateral with authenticat\$3 with (message information data)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:34 |
| S54 | 356 | (authenticat\$3 with (network address)adj information) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:34 |
| S55 | 356 | (authenticat\$3 with ((network address)adj information)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:34 |
| S56 | 27 | ((713/170.ccls. and (authenticat\$3 with messag\$3)) and (713/176.ccls. and (authenticat\$3 with messag\$3))) and hash\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:34 |
| S57 | 9 | (network with address with authenticat\$3).ti. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:34 |
| S58 | 534 | (network with authenticat\$3).ti. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:34 |
| S59 | 2 | ((network with authenticat\$3).ti.) and ((digital adj signature) same ((public private) adj key) same hash\$3).clm. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:34 |
| S60 | 9 | ((network with authenticat\$3).ti.) and ((digital adj signature) same ((public private) adj key) same hash\$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:34 |
| S61 | 14825438 | (network with authenticat\$3).ti. @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:34 |
| S62 | 175 | (network with authenticat\$3).ti. and @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:34 |

EAST Search History

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|-----|-----|--|---------------------------|----|----|------------------|
| S63 | 46 | ((network with authenticat\$3).ti. and @py<"2002") and (portable laptop mobile) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:34 |
| S64 | 7 | (((network with authenticat\$3).ti. and @py<"2002") and (portable laptop mobile)) and (digital adj signature) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:34 |
| S65 | 5 | "4731841" and @py<"2002" and ((public private) adj (key-pair (key adj pair))) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:34 |
| S66 | 7 | "4731841" and ((public private) adj (key-pair (key adj pair))) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:34 |
| S67 | 100 | ((network with authenticat\$3).ti.) and ((public private) adj key\$6) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:34 |
| S68 | 40 | (((network with authenticat\$3).ti.) and ((public private) adj key\$6)) and (digital near4 signature) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:34 |
| S69 | 78 | "5371794" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:34 |
| S70 | 59 | "5371794" and @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:34 |
| S71 | 25 | ("5371794" and @py<"2002") and (digital near4 signature) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:34 |
| S72 | 7 | ((network adj address) with authentication).ti. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:34 |
| S73 | 378 | (((device mobile laptop network) adj address) with authentication) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:34 |
| S74 | 5 | (((device mobile laptop network) adj address) with authentication) same digital same ((public private) adj key) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:34 |
| S75 | 3 | (((device mobile laptop network) adj address) with authentication) same digital same ((public private) adj key).clm. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:34 |
| S76 | 3 | (((device mobile laptop network) adj address) same authentication same digital same ((public private) adj key)).clm. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:34 |
| S77 | 3 | (network adj address) with authentication with (digital adj signature) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:34 |

EAST Search History

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|-----|-------|---|---------------------------------|----|----|------------------|
| S78 | 30 | (network adj address) with (digital adj signature) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:34 |
| S79 | 50 | ("6510144" "6285991" "6104929" "6665537" "6272129" "6131120" "6466964" "6236652" "5805712" "6321267" "6353891" "6195705" "6230012" "6501746" "6621810" "6636498" "6366622" "5922074" "6249873" "5905777" "6009524" "6314521" "6760752" "6044205" "6052782" "6128739" "6411692" "6477644" "6496704" "6760444" "6094486" "6236728" "6240183" "5577122" "4897875" "6560217" "6765900" "5418854" "5497421" "5937161" "6023510" "5802510" "5930479" "5285496" "6084969" "6466571" "5475738" "6081827" "5742763" "5832221").pn. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:34 |
| S80 | 210 | 380/247.ccls. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:37 |
| S81 | 0 | S41 and S80 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:37 |
| S82 | 0 | S41 and mobile | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:37 |
| S83 | 381 | 713/170.ccls. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:37 |
| S84 | 66 | S83 and mobile | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:37 |
| S85 | 40823 | S84 and digital (signature and sign\$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:37 |
| S86 | 21 | S84 and (digital\$3 with (signature and sign\$3)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:38 |
| S87 | 21 | S86 and (public adj key) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:45 |
| S88 | 77 | S80 and (digital\$3 with (signature sign\$4)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:46 |

EAST Search History

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|------|------|---|---------------------------------|----|----|------------------|
| S89 | 62 | S88 and mobile | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:46 |
| S90 | 4 | S89 and (content adj data) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:47 |
| S91 | 112 | "5153919" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:47 |
| S92 | 58 | S91 and (digital adj signature) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:47 |
| S93 | 3 | S92 and (digitally with (signing signed)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/02/27 14:47 |
| S94 | 6 | ("5473691" "5673319" "5729608" "5778065" "5892904" "6367012").PN. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S95 | 606 | 713/170, "176".ccls. and (authenticat\$3 with messag\$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S96 | 230 | 713/170.ccls. and (authenticat\$3 with messag\$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S97 | 315 | 713/176.ccls. and (authenticat\$3 with messag\$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S98 | 39 | (713/170.ccls. and (authenticat\$3 with messag\$3)) and (713/176.ccls. and (authenticat\$3 with messag\$3)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S99 | 8 | ((713/170.ccls. and (authenticat\$3 with messag\$3)) and (713/176.ccls. and (authenticat\$3 with messag\$3))) and @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S100 | 4145 | ((creat\$3 generat\$3) with ((authentication with information) (digital adj certificat\$3))) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S101 | 26 | ((creat\$3 generat\$3) with ((authentication with information) (digital adj certificat\$3))) and ((content near2 data) same (hash near4 value)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S102 | 17 | "6131162" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S103 | 6 | "5729608" and @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |

EAST Search History

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|----------|----------|--|---------------------------------|----|----|------------------|
| S10 4 | 8 | "5673319" and @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S10 5 | 23 | "5473691" and @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S10 6 | 20 | (Unilateral with authenticat\$3 with (message information data)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S10 7 | 430 | (authenticat\$3 with (network address)adj information) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S10 8 | 430 | (authenticat\$3 with ((network address)adj information)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S10 9 | 31 | ((713/170.ccls. and (authenticat\$3 with messag\$3)) and (713/176.ccls. and (authenticat\$3 with messag\$3))) and hash\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S11 0 | 9 | (network with address with authenticat\$3).ti. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S11 1 | 640 | (network with authenticat\$3).ti. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S11 2 | 2 | ((network with authenticat\$3).ti.) and ((digital adj signature) same ((public private) adj key) same hash\$3).clm. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S11 3 | 11 | ((network with authenticat\$3).ti.) and ((digital adj signature) same ((public private) adj key) same hash\$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S11 4 | 14827071 | (network with authenticat\$3).ti. @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S11 5 | 175 | (network with authenticat\$3).ti. and @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S11 6 | 46 | ((network with authenticat\$3).ti. and @py<"2002") and (portable laptop mobile) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S11 7 | 7 | (((network with authenticat\$3).ti. and @py<"2002") and (portable laptop mobile)) and (digital adj signature) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S11 8 | 5 | "4731841" and @py<"2002" and ((public private) adj (key-pair (key adj pair))) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |

EAST Search History

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|----------|-----|--|---------------------------------|----|----|------------------|
| S11 9 | 7 | "4731841" and ((public private) adj (key-pair (key adj pair))) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S12 0 | 118 | ((network with authenticat\$3).ti.) and ((public private) adj key\$6) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S12 1 | 45 | (((network with authenticat\$3).ti.) and ((public private) adj key\$6)) and (digital near4 signature) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S12 2 | 82 | "5371794" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S12 3 | 59 | "5371794" and @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S12 4 | 25 | ("5371794" and @py<"2002") and (digital near4 signature) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S12 5 | 7 | ((network adj address) with authentication).ti. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S12 6 | 431 | (((device mobile laptop network) adj address) with authentication) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S12 7 | 5 | (((device mobile laptop network) adj address) with authentication) same digital same ((public private) adj key) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S12 8 | 3 | (((device mobile laptop network) adj address) with authentication) same digital same ((public private) adj key).clm. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S12 9 | 3 | (((device mobile laptop network) adj address) same authentication same digital same ((public private) adj key)).clm. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S13 0 | 3 | (network adj address) with authentication with (digital adj signature) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S13 1 | 0 | (network adj address) with (time adj stamp\$3) with (digital adj signature) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S13 2 | 31 | (network adj address) with (digital adj signature) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |

EAST Search History

| | | | | | | |
|----------|----------|---|---------------------------------|----|----|------------------|
| S13 3 | 50 | ("6510144" "6285991" "6104929" "6665537" "6272129" "6131120" "6466964" "6236652" "5805712" "6321267" "6353891" "6195705" "6230012" "6501746" "6621810" "6636498" "6366622" "5922074" "6249873" "5905777" "6009524" "6314521" "6760752" "6044205" "6052782" "6128739" "6411692" "6477644" "6496704" "6760444" "6094486" "6236728" "6240183" "5577122" "4897875" "6560217" "6765900" "5418854" "5497421" "5937161" "6023510" "5802510" "5930479" "5285496" "6084969" "6466571" "5475738" "6081827" "5742763" "5832221").pn. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S13 4 | 606 | 713/170, "176".ccls. and (authenticat\$3 with messag\$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S13 5 | 230 | 713/170.ccls. and (authenticat\$3 with messag\$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S13 6 | 315 | 713/176.ccls. and (authenticat\$3 with messag\$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S13 7 | 39 | (713/170.ccls. and (authenticat\$3 with messag\$3)) and (713/176.ccls. and (authenticat\$3 with messag\$3)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S13 8 | 4145 | (creat\$3 generat\$3) with ((authentication with information) (digital adj certificat\$3)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S13 9 | 430 | (authenticat\$3 with (network address)adj information) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S14 0 | 430 | (authenticat\$3 with ((network address)adj information)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S14 1 | 640 | (network with authenticat\$3).ti. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S14 2 | 14827071 | (network with authenticat\$3).ti. @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S14 3 | 175 | (network with authenticat\$3).ti. and @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |

EAST Search History

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|----------|-----|---|---------------------------------|----|----|------------------|
| S14 4 | 46 | ((network with authenticat\$3).ti. and @py<"2002" and (portable laptop mobile)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S14 5 | 5 | "4731841" and @py<"2002" and ((public private) adj (key-pair (key adj pair))) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S14 6 | 118 | ((network with authenticat\$3).ti.) and ((public private) adj key\$6) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S14 7 | 82 | "5371794" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S14 8 | 59 | "5371794" and @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S14 9 | 431 | ((device mobile laptop network) adj address) with authentication) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S15 0 | 6 | ("5473691" "5673319" "5729608" "5778065" "5892904" "6367012").PN. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S15 1 | 8 | ((713/170.ccls. and (authenticat\$3 with messag\$3)) and (713/176.ccls. and (authenticat\$3 with messag\$3))) and @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S15 2 | 26 | ((creat\$3 generat\$3) with ((authentication with information) (digital adj certificat\$3))) and ((content near2 data) same (hash near4 value)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S15 3 | 17 | "6131162" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S15 4 | 6 | "5729608" and @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S15 5 | 8 | "5673319" and @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S15 6 | 23 | "5473691" and @py<"2002" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S15 7 | 20 | (Unilateral with authenticat\$3 with (message information data)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |

EAST Search History

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|----------|----|---|---------------------------------|----|----|------------------|
| S15 8 | 31 | ((713/170.ccls. and (authenticat\$3 with messag\$3)) and (713/176.ccls. and (authenticat\$3 with messag\$3))) and hash\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S15 9 | 9 | (network with address with authenticat\$3).ti. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S16 0 | 2 | ((network with authenticat\$3).ti.) and ((digital adj signature) same ((public private) adj key) same hash\$3).clm. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S16 1 | 11 | ((network with authenticat\$3).ti.) and ((digital adj signature) same ((public private) adj key) same hash\$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S16 2 | 7 | (((network with authenticat\$3).ti. and @py<"2002") and (portable laptop mobile)) and (digital adj signature) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S16 3 | 7 | "4731841" and ((public private) adj (key-pair (key adj pair))) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S16 4 | 45 | (((network with authenticat\$3).ti.) and ((public private) adj key\$6)) and (digital near4 signature) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S16 5 | 25 | ("5371794" and @py<"2002") and (digital near4 signature) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S16 6 | 7 | ((network adj address) with authentication).ti. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S16 7 | 5 | (((device mobile laptop network) adj address) with authentication) same digital same ((public private) adj key) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S16 8 | 3 | (((device mobile laptop network) adj address) with authentication) same digital same ((public private) adj key).clm. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S16 9 | 3 | (((device mobile laptop network) adj address) same authentication same digital same ((public private) adj key)).clm. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S17 0 | 3 | (network adj address) with authentication with (digital adj signature) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S17 1 | 31 | (network adj address) with (digital adj signature) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |

EAST Search History

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|----------|-------|---|---------------------------------|----|----|------------------|
| S17 2 | 50 | ("6510144" "6285991" "6104929" "6665537" "6272129" "6131120" "6466964" "6236652" "5805712" "6321267" "6353891" "6195705" "6230012" "6501746" "6621810" "6636498" "6366622" "5922074" "6249873" "5905777" "6009524" "6314521" "6760752" "6044205" "6052782" "6128739" "6411692" "6477644" "6496704" "6760444" "6094486" "6236728" "6240183" "5577122" "4897875" "6560217" "6765900" "5418854" "5497421" "5937161" "6023510" "5802510" "5930479" "5285496" "6084969" "6466571" "5475738" "6081827" "5742763" "5832221").pn. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S17 3 | 233 | 380/247.ccls. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S17 4 | 0 | S150 and S173 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S17 5 | 0 | S150 and mobile | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S17 6 | 446 | 713/170.ccls. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S17 7 | 83 | S176 and mobile | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S17 8 | 45468 | S177 and digital (signature and sign\$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S17 9 | 27 | S177 and (digital\$3 with (signature and sign\$3)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S18 0 | 26 | S179 and (public adj key) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S18 1 | 83 | S173 and (digital\$3 with (signature sign\$4)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S18 2 | 68 | S181 and mobile | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |

EAST Search History

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|----------|-----|--|---------------------------------|----|----|------------------|
| S18 3 | 4 | S182 and (content adj data) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S18 4 | 118 | "5153919" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S18 5 | 62 | S184 and (digital adj signature) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S18 6 | 3 | S185 and (digitally with (signing signed)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 12:05 |
| S18 7 | 1 | ("6880009" "6879690" "6839338" "6496704" "6055236") and ((public adj key) with (network adj address)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 13:10 |
| S18 8 | 0 | ("20050063352" "20050058099" "20050055576" "20040221154" "20040003050" "20030212774" "2003206533" "20030152380" "20020147820" "20020118674" "20020114469" "20020062385" "20020056002" "20010041571") and ((public adj key) with (network adj address)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 13:09 |
| S18 9 | 12 | ("20050063352" "20050058099" "20050055576" "20040221154" "20040003050" "20030212774" "2003206533" "20030152380" "20020147820" "20020118674" "20020114469" "20020062385" "20020056002" "20010041571") and (public adj key) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 13:09 |
| S19 0 | 14 | ("6880009" "6879690" "6839338" "6496704" "6055236") and (public adj key) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 13:58 |
| S19 1 | 70 | "6055236" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 14:00 |
| S19 2 | 20 | "6055236" and IPv6 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 13:59 |
| S19 3 | 9 | S191 and (public adj key) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2005/08/24 14:00 |
| S19 4 | 3 | "6782474" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/02/11 13:42 |

EAST Search History

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|----------|-----|--|---------------------------------|----|----|------------------|
| S19 5 | 15 | ipv6 near2 auto near4 configur\$8 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/02/11 13:49 |
| S19 6 | 1 | (ipv6 with configur\$8 with public with key)".clm" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/02/11 13:50 |
| S19 7 | 0 | (ipv6 with configur\$8 with public with key).clm. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/02/11 13:50 |
| S19 8 | 1 | (ipv6 with configur\$8 with public with key) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/02/11 13:50 |
| S19 9 | 59 | (network with configur\$8 with public with key).clm. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/02/11 13:59 |
| S20 0 | 1 | S199 and (deriv\$3 near4 address).clm. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/02/11 13:58 |
| S20 1 | 1 | S199 and (deriv\$3 near4 address) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/02/11 13:58 |
| S20 2 | 2 | S199 and (generat\$3 near4 address) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/02/11 13:58 |
| S20 3 | 2 | S199 and prefix | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/02/11 13:58 |
| S20 4 | 5 | (network with configur\$8 with public with key) and prefix | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/02/11 13:59 |
| S20 5 | 1 | (mobile with IP with (public adj key) with (network adj address)).clm. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/02/11 14:39 |
| S20 6 | 2 | (mobile with (public adj key) with (network adj address)).clm. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/02/11 14:39 |
| S20 7 | 4 | (mobile with (public adj key) with (network adj address)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/02/11 15:29 |
| S20 8 | 170 | (cryptographic with protocol).clm. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/02/11 15:30 |
| S20 9 | 2 | (cryptographic with protocol with network with address).clm. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/02/11 15:31 |

EAST Search History

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|----------|-----|--|---------------------------------|----|----|------------------|
| S21 0 | 5 | (public with key with protocol with network with address).clm. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/02/11 15:32 |
| S21 1 | 3 | (public with key with digital with certificat\$3 with network with address).clm. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/02/11 15:33 |
| S21 2 | 12 | (public with key with digital with certificat\$3 with network with address) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/02/11 15:35 |
| S21 3 | 192 | "5677955" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/02/11 15:35 |
| S21 4 | 92 | S213 and (digital adj signature) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/02/11 15:35 |
| S21 5 | 10 | S214 and (network adj address) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/02/11 15:35 |